

BBCH phenological phases utilized to evaluate sprouting

BBCH MAIN PHENOLOGICAL PHASES

0 Germination / sprouting / bud development

1 Leaf development (main shoot)

2 Formation of side shoots / tillering

3 Stem elongation or rosette growth / shoot development (main shoot)

4 Development of harvestable vegetative plant parts or vegetatively propagated organs / booting (main shoot)

5 Inflorescence emergence (main shoot) / heading

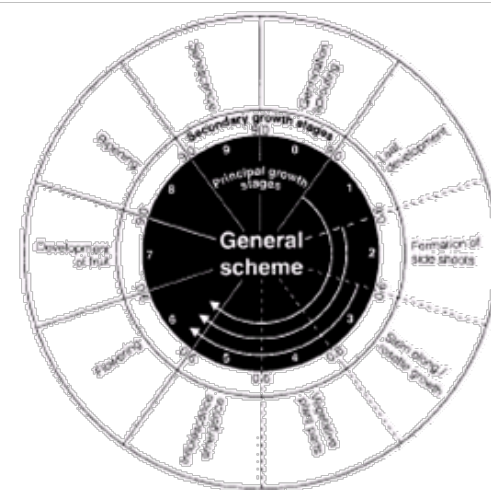
6 Flowering (main shoot)

7 Development of fruit

8 Ripening or maturity of fruit and seed

9 Senescence, beginning of dormancy

**PHASES UTILIZED
FOR OUR EVALUATION**



Fase BBCH 0: Bud development



01

Bud swelling



09

Bud wool stage



11

1° leaf unfolded



19

9° leaf unfolded

ERGER + ACTIVE ERGER – Field trials

Results average of trials effected in Italy during 2014 on Hayward

Experimental code	Dosage	Timing
Untreated		
Erger+ Activ Erger	6% + 9%	50±5 days before natural bud break
Competitor		

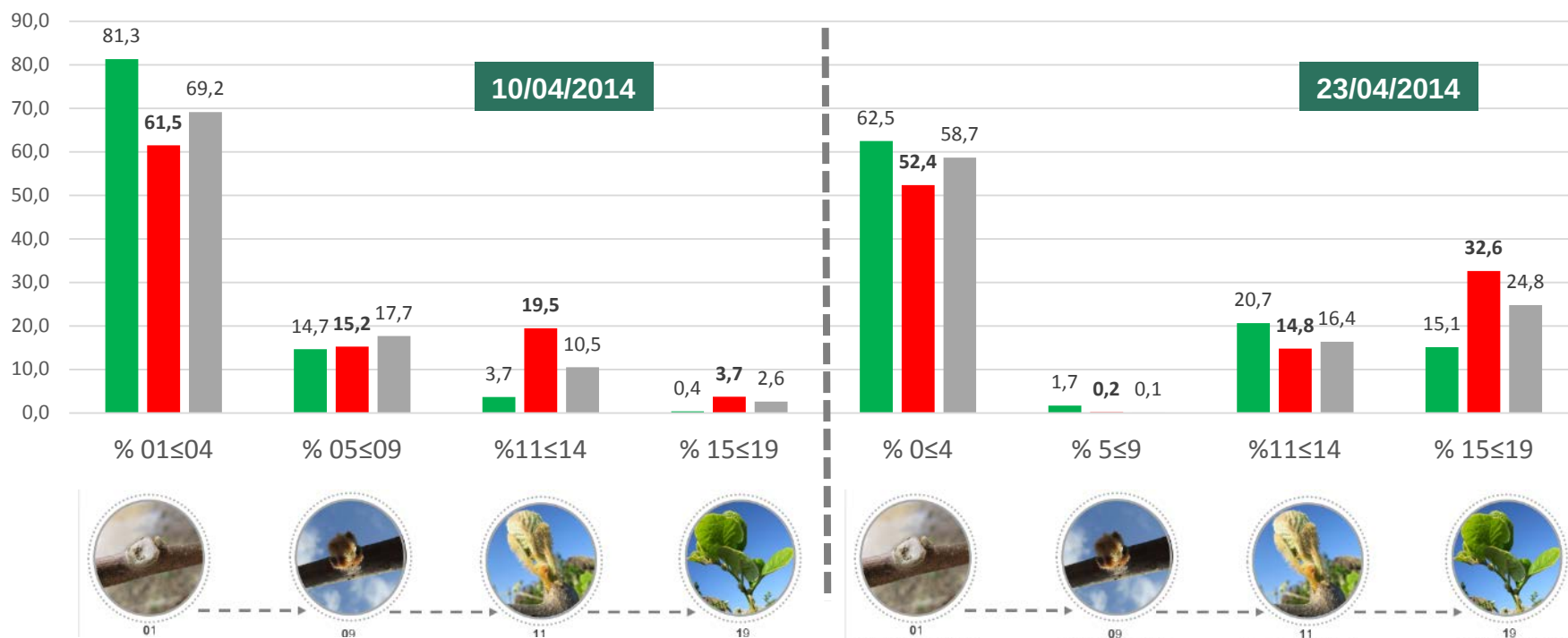


% Sprouting (BBCH)

■ Untreated

■ Erger+ Activ Erger

■ Competitor



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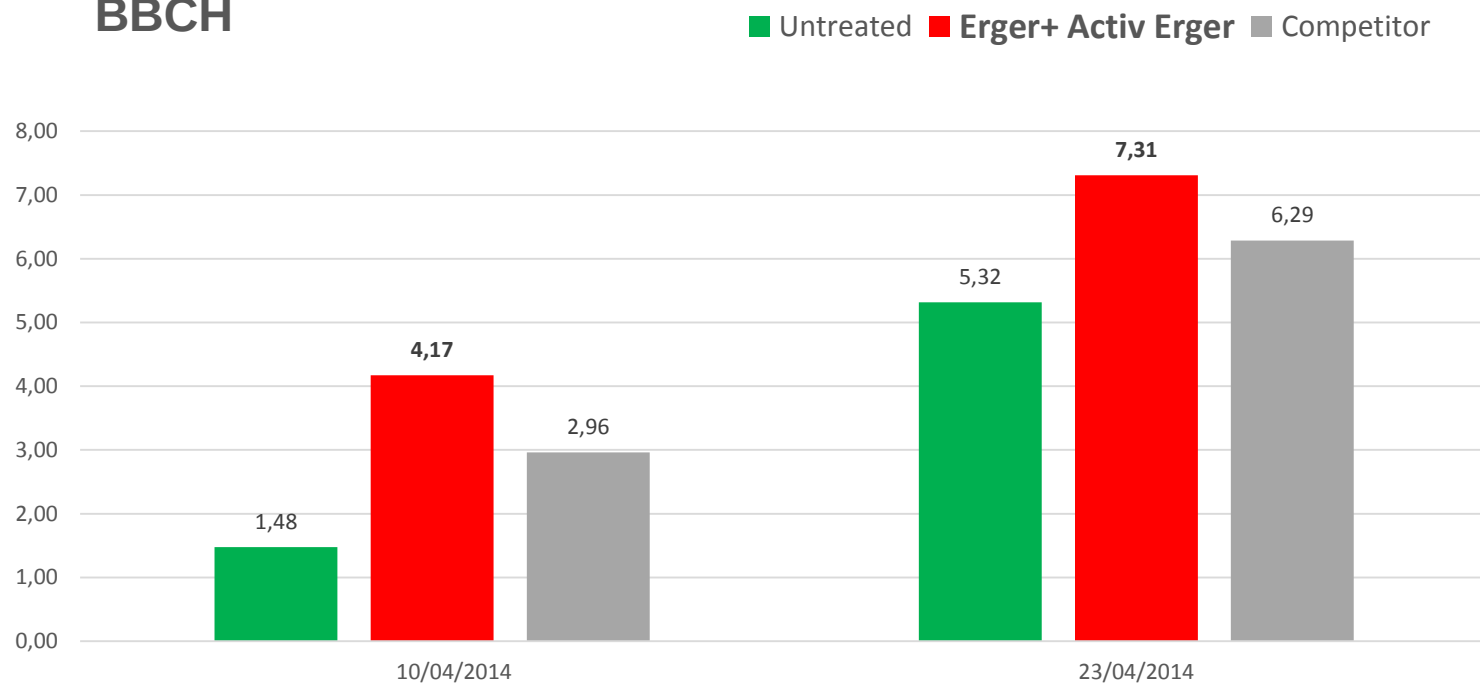
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ERGER + ACTIVE ERGER – Field trials



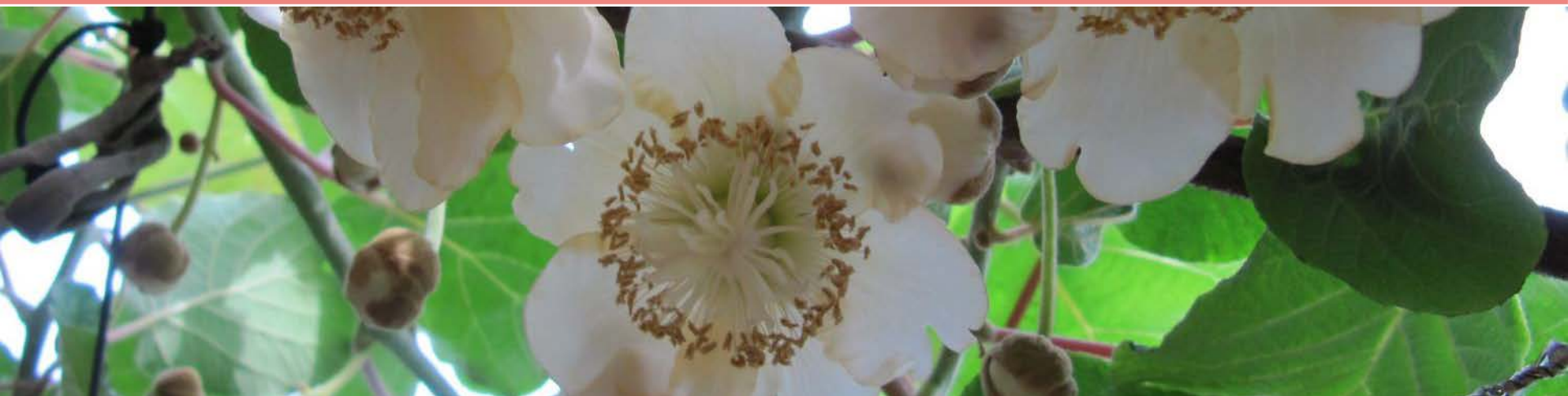
BBCH



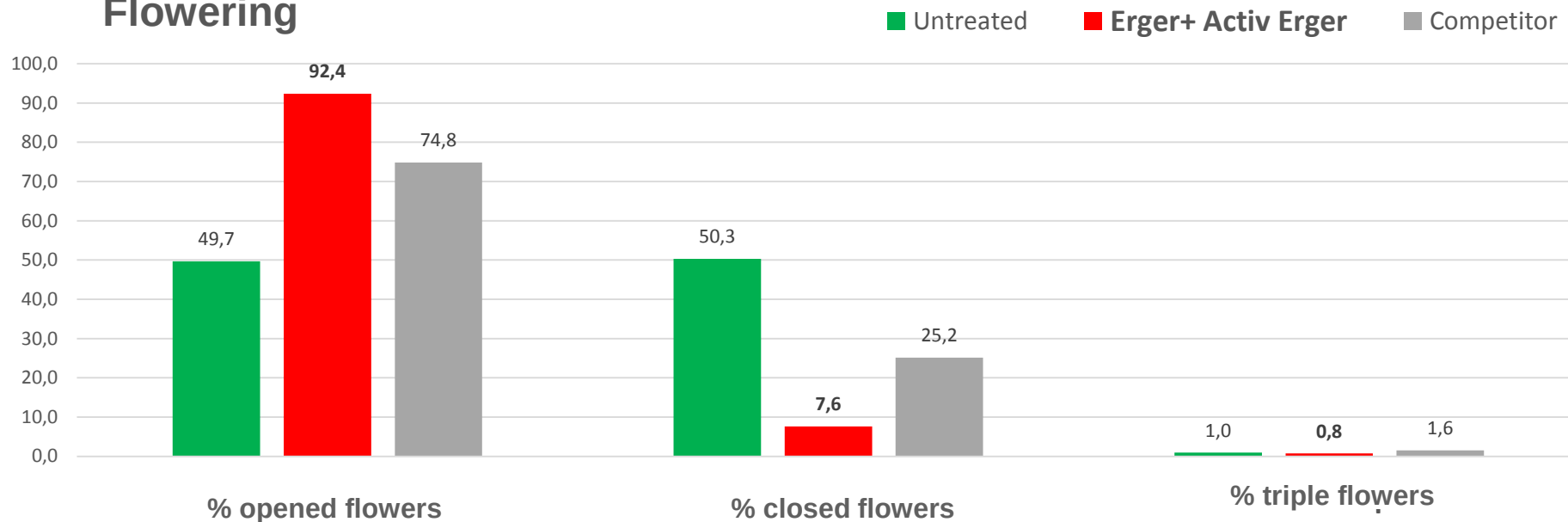
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ERGER + ACTIVE ERGER – Field trials



Flowering



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VALAGRO INTERNAL EXPERIMENTATION

On the right plants treated with ERGER (6%) and (ACTIVE ERGER (9%) compared to the untreated on the left

UNTREATED

ERGER + ACTIVE ERGER

VALAGRO INTERNAL EXPERIMENTATION

On the right plants treated with ERGER (6%) and (ACTIVE ERGER (9%) showing anticipated and uniform sprouting, compared to the untreated on the left



FRUIT ANALYSIS

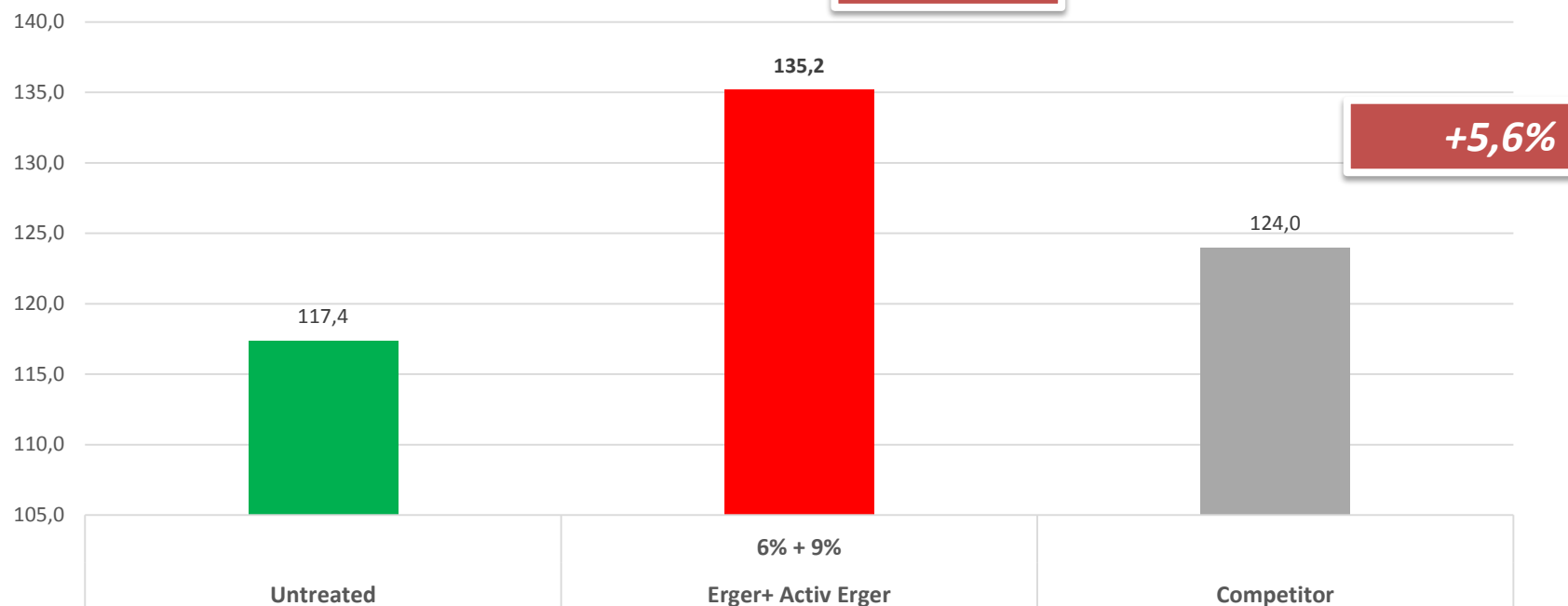


ERGER + ACTIVE ERGER – Field trials



Weight (g)

+15,1%



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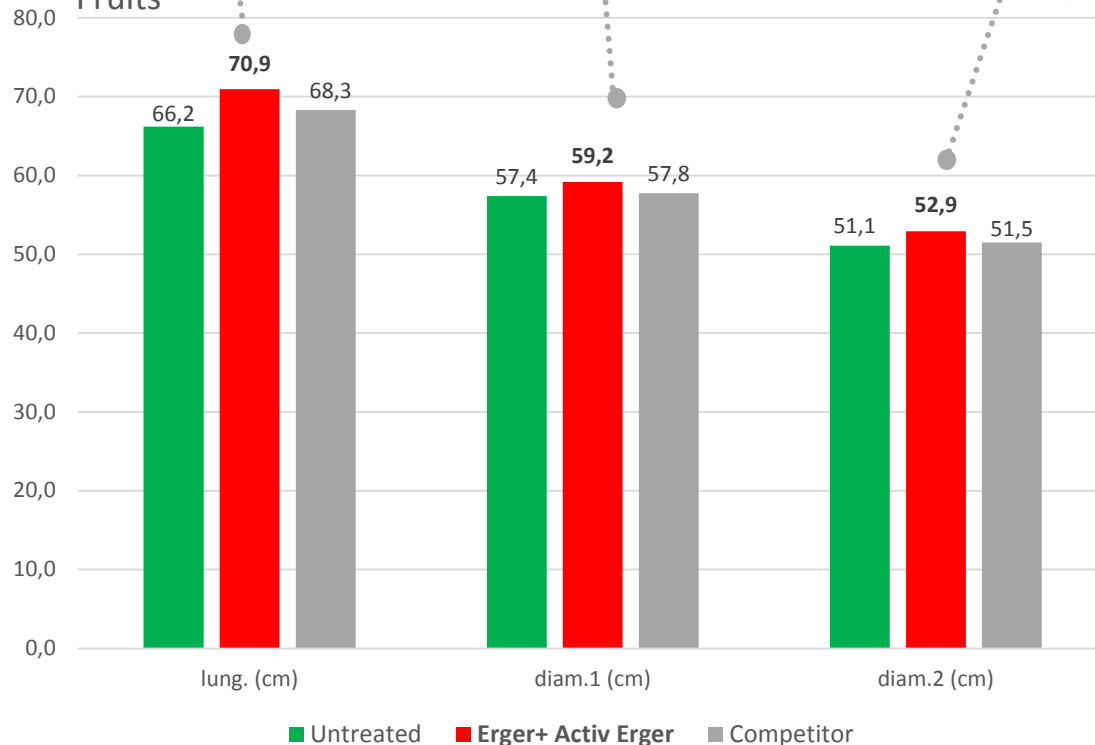


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ERGER + ACTIVE ERGER – Field trials

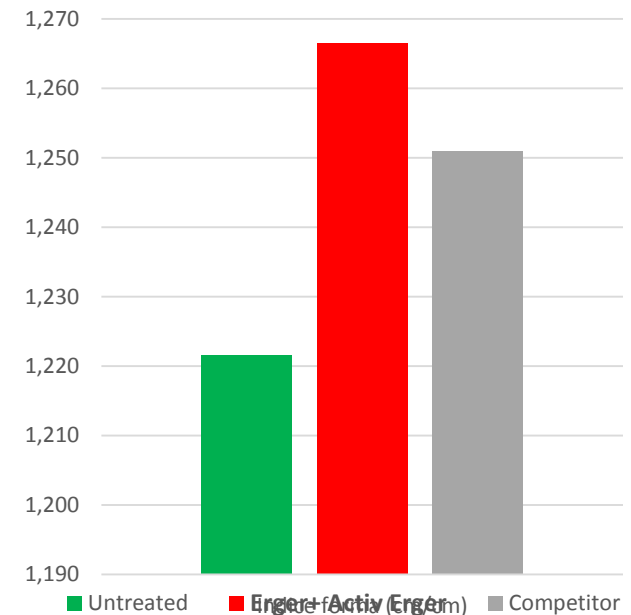


Fruits



$$\text{Shape Index} = \frac{\text{Fruit lenght}}{\left[\frac{(\text{Diameter1} + \text{Diameter2})}{2} \right]}$$

indice forma



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